

## CLAIMS

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1. Display apparatus comprising :

- a cathode ray tube (3),
- a first circuit (1) providing a high voltage (HV) to the cathode and
- a second circuit (2) receiving a gross signal (Y') on a source

10 input and providing on at least an output at least a luminance signal (Y) controlling an electron stream of the cathode ray tube (3),

characterised by

- means for simulating absence of gross signal (Y') when the

apparatus switches from on to off.

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2. Display apparatus according to claim 1, wherein said means for simulating absence of gross signal (Y') are triggered by a signal (SH) sent by a microprocessor.

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3. Display apparatus according to claim 1 or 2, wherein a pin (42) carrying a signal representative of the gross signal (Y') when the apparatus is on is connected to ground when the apparatus switches from on to off.

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4. Display apparatus according to claim 1, wherein the second circuit (2) comprises a comparator (20) having an input (42) connected to said source input and generating an error signal (E) according to a difference between said comparator input and a reference signal ( $V_0$ ), and controlled amplifying means (22) for amplifying the gross signal (Y') into the luminance signal (Y) according to the error signal (E), and wherein a signal simulating absence of gross signal (Y') is sent to the comparator input (42) when the apparatus switches from on to off.

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5. Display apparatus according to claim 4, wherein said signal simulating absence of gross signal (Y') is controlled by a signal (SH) sent by a microprocessor.

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6. Display apparatus according to claim 4 or 5, wherein the comparator input (42) is connected to ground when the apparatus switches from on to off.

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7. Display apparatus according to claim 4, wherein the comparator input (42) is connected to ground through a switch (K).

8. Display apparatus according to claim 7, wherein the switch (K) is controlled by a signal (SH) from a microprocessor.

9. Display apparatus according to any of the preceding claims, wherein the apparatus is a television receiver.

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10. Display apparatus comprising :

- a cathode ray tube (3),
- a first circuit (1) providing a high voltage (HV) to the cathode and
- a second circuit (2) receiving a gross signal (Y') on a source

15 input and providing on at least an output at least a luminance signal (Y) controlling an electron stream of the cathode ray tube (3),

the second circuit (2) comprising a comparator (20) having an input (42) connected to said source input and generating an error signal (E) according to a difference between said comparator input and a reference signal ( $V_0$ ), and controlled amplifying means (22) for amplifying the gross signal (Y') into the luminance signal (Y) according to the error signal (E),

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characterised in that the comparator input (42) is connected to ground through a switch (K) controlled by a signal (SH) generated from a microprocessor when the apparatus switches from on to off.

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11. Display apparatus according to claim 10, the apparatus being a television receiver.

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